Glutarimide, 3-(phenylacetylamino)-N-methyl

Inchi: InChI=1S/C13H14N2O3/c1-15-11(16)7-10(8-12(15)17)14-13(18)9-5-3-2-4-6-9/h2-6,10H,
InchiKey: FNCVOWZNMJZXIP-UHFFFAOYSA-N
Formula: C13H14N2O3
SMILES: CN1C(=O)CC(NC(=O)c2ccccc2)CC1=O
Mol. weight [g/mol]: 246.26

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.04		Crippen Method
logp	0.564		Crippen Method
mcvol	184.080	ml/mol	McGowan Method
rinpol	2216.00		NIST Webbook

Sources

McGowan Method: http://link.springer.com/article/10.1007/BF02311772
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R106560&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
mcvol: McGowan's characteristic volume
rinpol: Non-polar retention indices